

P.M.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent Application of:

INVENTOR(S): Tang et al.

SERIAL NO.: 10/629,124

FILED: July 29, 2003

ART UNIT: 2661

EXAMINER:

TITLE: Method and Apparatus Providing Adaptive Learning in an Orthogonal Frequency Division Multiplex Communication System

CONFIRMATION NO.: 5924

ATTORNEY DOCKET NO.: 873.0123.U1(US)

Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

(37 C.F.R. §1.97(b))

Dear Sir:

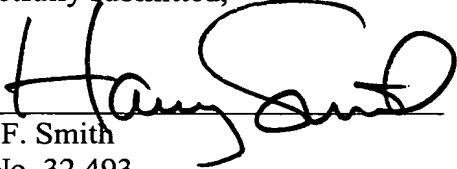
The following information is being disclosed to the U.S. Patent and Trademark Office as information that may be material to the examination of the above-identified patent application.

Applicants' Attorney is aware of the art listed on the enclosed Form PTO-1449. Copies of the non-U.S. patent art are enclosed with the Form PTO-1449 for the Examiner's use, including an International Search Report and Written Opinion dated 28 April 2006. The Search Report relates to International Patent Application No. PCT/US04/21277.

The filing of this Statement is not to be construed as a representation that a search has been made regarding the claimed invention (37 C.F.R. §1.97(g)) or that no other possible material information exists.

Serial No. 10/629,124  
Attorney Docket No. 873.0123.U1(US)

Respectfully submitted,

  
\_\_\_\_\_  
Harry F. Smith  
Reg. No. 32,493

5/3/2006  
Date

HARRINGTON & SMITH, LLP  
4 Research Drive  
Shelton, CT 06484-6212

Telephone: (203)925-9400  
Facsimile: (203)944-0245  
**Customer No.: 29683**

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail on the date shown below in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

5/3/2006  
Date

Harry Smith  
Name of Person Making Deposit

<b>INFORMATION DISCLOSURE CITATION FORM FOR PATENT APPLICATION (FORM PTO-1449)</b> <small>MAY 08 2006</small> <small>(Substitute)</small>		Docket No.: 873.0123.U1(US)	Serial No.: 10/629,124		
		Applicant(s): Tang et al.			
		Filing Date: 07/29/03	Group: 2661		
<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials	Document Number (Number-Kind Code)	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant	Class	Sub-class
	US-5,479,447 US-2003/0026200 US-6,925,066 US-6,934,340 US- US- US- US- US- US- US- US- US- US- US-	12-26-1995 02-06-2003 08-02-2005 08-23-2005	Chow et al. Fu et al. Chekuri et al. Dollard	375 370 370 375	260 208 319 260
<b>FOREIGN PATENT DOCUMENTS</b>					
Examiner Initials	Document Number (Country Code-Number-Kind Code)	Publication Date (MM-DD-YYYY)	Name Of Patentee of Applicant	Translation? Yes/No/n/a	
	- - - - - - - - - - - - - - - -				
<b>OTHER DOCUMENTS (Author (Capitalize), Title, Date, Pages, Etc., if known)</b>					
	KELLER, T.; HANZO, L., "Adaptive Modulation Techniques for Duplex OFDM Transmission", Vehicular Technology, IEEE Transactions, Vol. 49, No. 5, pp. 1893-1906, Sep 2000				
	WONG, C. Y., CHENG; R. S., LETAIEF; K. B., MURCH, R. D., "Multiuser Subcarrier Allocation for OFDM Transmission Using Adaptive Modulation", Vehicular Technology Conference, July 1999 IEEE 49 <sup>th</sup> , Vol. 1, pp 479-483				
Examiner's Signature:			Date Considered:		
Initial if reference was considered, whether or not citation is in conformance with MPEP. Mark through citation if not considered. Include a copy of this citation form with your next correspondence to the Applicant(s).					